

## **NCDOT Prioritization 3.0 Project Summary**

**SPOT ID:** H090458-A Mode: Highway Status: Submitted

## **US-401 (Ramsey Street)**

From/Cross Street: NC 24/210 (Grove Street)

To: Martin Luther King, Jr. Freeway

Length: 0.9

Specific Improvement Type: 1 - Widen Existing Roadway

Project Category: Regional Impact

Cost to NCDOT: \$9,056,000

**TIP#:** U-4403

### Fully Funded in Draft STIP?

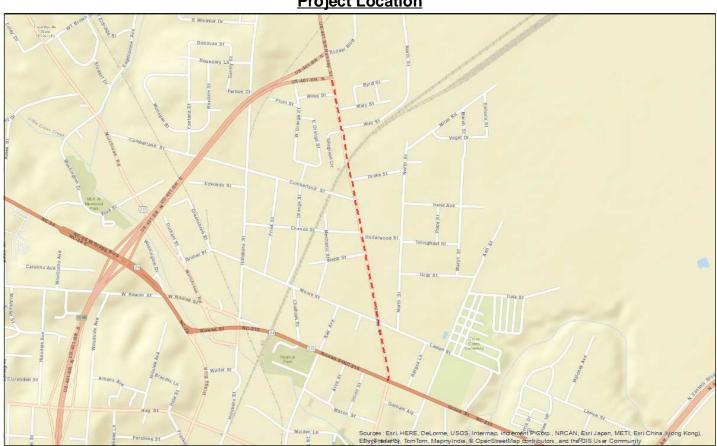
**Description:** 

Widen to Multi-Lanes

Division(s): Division 6 County(s): CUMBERLAND

MPOS(s)/RPO(s): Fayetteville Area MPO

## **Project Location**



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Statewide I	Mobility 1	Total Score: (	0
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Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
	N/A	N/A
Totals: Weight: 0% Weighted Score: 0		

## **Regional Impact Total Score: 37.04**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) Congestion (V/C) (25%) Accessibility / Connectivity (10%) [Travel Time] Benefit/Cost (25%)  Totals: Weight: 70% Weighted Score	81.36 45.36 13.19 4.98	Percent: 15% Points: 0	Percent: 15% Points: 100

## **Division Needs Total Score: 18.2**

Quantitative Score		Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) Safety (10%) [Travel Time] Benefit/Cost (20%)  Totals: Weight: 50% Weighted Score	45.36 81.36 4.98 e: <b>18.2</b>	Percent: 25% Points: 0	Percent: 25% Points: 0

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#### **Project Data** \*

#### **Existing Conditions**

#### Existing Cross-Section: 35 Speed Limit: 0.9 Length (miles); Arterial Facility Type: Access Control: None Functional Classification: Other Principal Arterial Rolling Terrain Type: Lane Width: 11 Paved Shoulder Width: Roadway has Curb & Gutter? Yes Volume (AADT): 19785.34 31701.05 Capacity: Volume/Capacity Ratio: 0.62 100% % Autos: % Trucks: 0% Truck Volume: 0 81.37 Crash Density: 81.37 Crash Severity: Critical Crash Rate: 81.37 0 Crash Frequency: 0 Severity Index: 2 County Tier Designation: Non-Interstate STRAHNET No Route? 16 Average Commuting Time: Existing Median Type (for Undivided Cost Estimation): Pavement Condition Rating: 100

0

0

Actual Congested Speed:

Travel Time Index:

#### **Project Benefits**

Project Cross-Section:	6F - 6 Lane Divided (17'-6"' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	0.9
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Other Principal Arterial
TerrainType:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2050413.99
Travel Time Savings for 30 Years (Autos):	2050413.99
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 6

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<sup>\*</sup> Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

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## **Project Ownership**

#### **Division**

Division	Percent	Regional Impact	Division Needs
Division 6	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

#### MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Fayetteville Area MPO	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

# **Project Cost and Source**

Construction Cost:	\$5,832,000	Cost Estimation Tool
Right-of-Way Cost:	\$2,879,000	Cost Estimation Tool
Utilities Cost:	\$345,000	Cost Estimation Tool
Total Project Cost:	\$9,056,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$9,056,000	

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